

10F4  
PM15  
3314-80

# DIAZINON<sup>®</sup> 500 INSECTICIDE

FOR AGRICULTURAL OR  
COMMERCIAL USE ONLY

For Control of Certain Insects on Fruits, Nuts,  
Vegetables, Field Crops, and Ornamentals

Contains 4 lbs. Diazinon Per Gal.



In Accordance with FR Notice 88-2,  
Based on Draft Labeling Dated 12-23-82

NOT REVISIONED  
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Based on Draft Labeling Dated 12-23-82

#### ACTIVE INGREDIENTS:

Diazinon (0,0-diethyl 0-(2-isopropyl-4-methyl-4-pyrimidinyl)	40.00%
phosphorochlorate	39.75%
Xylene Range A, aromatic Solvent	12.25%
INERT INGREDIENTS	12.25%
Total	100%

Diazinon - Registered Trademark Ciba-Geigy

**KEEP OUT OF REACH OF CHILDREN**

## WARNING

#### STATEMENT OF PRACTICAL TREATMENTS

**IF SWALLOWED** - Call a physician or Poison Control Center immediately. If possible vomiting should be induced under medical supervision. Vomiting may cause aspiration pneumonia. If necessary give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED** - Remove victim to fresh air. Apply artificial respiration if indicated.

**IF ON SKIN** - Remove contaminated clothing and wash affected area thoroughly with soap and water.

**IF IN EYES** - Flush eyes with plenty of water. Call a physician immediately.

**NOTE TO PHYSICIAN** - Gastric lavage is indicated. Atropine Sulfate or 2-PAM are specific antidotes.

See Side Panel For Additional Precautionary Statements

EPA Reg. No. 3314-80

EPA Est. No. 3314-FL-1

NET CONTENTS \_\_\_\_\_ Gallon

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Parts of Lawns and other Ornamental and Recreational Turf Grass areas.

**INSECTS CONTROLLED** — Ants, Armyworms, Chiggers, Check Bugs, Clover Fleas, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Sod Webworms, Ticks.

**WHEN TO TREAT** — Treat when pests first appear or their damage to turf is excessive. Repeat as needed for control. To prevent Check Bug damage, apply as soon as daily temperatures reach 80°F and repeat every 2 weeks. For best results, the lawn should be mowed before application.

**HOW TO TREAT** — Apply spray as a coarse, low pressure spray using either hose-end sprayer or pressure sprayer. Thoroughly water the area after application to wash the insecticide into the turf, except as noted for Sod Webworms. Use a maximum of 3 to 5 gallons of water per 1,000 sq. ft. Dilute as follows:

AREA	AMT. THIS PRODUCT TO USE	AMT. WATER
1,000 Sq. Ft.	3.5 oz. (7 tbsp)	3-5 Gallons
5,000 Sq. Ft.	17.5 oz. (1 pint + 3 tbsp)	15-25 Gallons

For Sod Webworms, delay mowing and moving for 24 hours afterwards.

#### DIRECTIONS FOR USE

Parts of Ornamental Flowers, Shrubs, Vines, Shade & Flowering Trees

Use this product for the control of insect pests as listed when they are found infesting plants. Use a Hand-End sprayer or pressure sprayer to provide complete and uniform coverage of infested plants. Avoid spraying to point of run-off. Treat when pests appear and repeat at 7 to 10 day intervals as needed for control. **NOTE:** Do not use on Asters, Camellias, Penstemons, Rose Hedges or Yuccas due to possible injury to these plants.

**INSECTS CONTROLLED** — Aphids, Bagworms, Eastern Tent Caterpillar, Fall Webworms, Grasshoppers, Fleas, Orange-striped Oakworm, Spittlebug, Whiteflies, Yellow-necked Caterpillar.

**How to Mix** — Mix 1 1/2 oz. in 3 gallons of water, or 4.4 oz. in 10 gallons of water. Thoroughly spray all foliage.

**INSECTS CONTROLLED** — Caterpillars, Leafhoppers, Plantbugs, Planets, Webworms, Red-tipped Caterpillar, Thrips (Eggs).

**How to Mix** — Mix 2 3/4 oz. in 3 gallons of water, or 8.5 oz. in 10 gallons of water. Thoroughly spray all foliage.

**INSECTS CONTROLLED** — Ash Borer, Lilac Borer, Dogwood Borer, Scale Crawlers, (Oak Lecanum, Pear Nuisance, Tea, and White Peach Scale).

**How to Mix** — Mix 5 1/2 oz. in 3 gallons of water, or 17.5 oz. in 10 gallons of water. Thoroughly spray all foliage.

**INSECTS CONTROLLED** — Peach Tree Borer. Apply to flowering trees and shrubs of the Genus Prunus as a trunk spray before newly hatched larvae enter the tree. Mix 16 oz. in 3 gallons of water. In general, use a coarse wet low pressure spray to thoroughly wet all portions of the trunk up to the first scaffold branches. Treat the first of May, June and July making three applications one month apart. Do not allow spray to get on fruit.

#### PROTECTIVE BAND & FOUNDATION SPRAY

**BAND SPRAY TREATMENT** — To help prevent infestations of buildings by Ants, Crickets, Earwigs, Fleas, and Sawflies (Pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to buildings, also the building's foundation to a height of 2 to 3 feet, where ants are active and may find entrance. Use 4 1/2 oz. in 10 gallons of water to treat 1,000 sq. ft. (10 ft. band x 100 ft. long).

**TURFGRASS WEEVILS (Hyperodes)** — For control: double the amount shown in the chart above and spray suspect problem areas in Mid-April and again in Mid-May or as recommended by your local Agricultural Extension Service specialist in your area.

**WHITE GRUBS** — European Chafers and Japanese Beetle Larvae. Mix from 8 oz. to 16 oz. in 5 gallons of water to cover 1,000 sq. ft. Spray when grubs are young and actively feeding near the soil surface, usually during late July and August or as recommended by your local Agricultural Extension Service Specialist. Immediately after spraying, irrigate the treated area with 1/2 to 1 inch of water to wash the insecticide into the underlying soil.

**BLUEGRASS BILLBUG** — Mix at the same rate as for White Grubs. Spray early in the season when adults first appear. Repeat when needed.

**FIRE ANT CONTROL** — Apply as a drench to ant mounds (dusting spray at the rate of 5 1/2 oz. in 4 gallons water). Gently sprinkle a total of 1 gallon of diluted solution over the surface of each mound using a sprayer can. Thoroughly wet mound and surrounding area to a 4 ft. diameter (12 sq. ft.). For best results, apply in cool weather, (65°-80°), or in early morning or late evening hours. Treat new mounds as they appear. Pre-treated sprays may disturb the soil and cause migration, reducing product effectiveness.

**ATTENTION** — (Turf and Ornamental Plant Pests): Keep children and pets off treated areas until spray has dried. Keep out of lawn & garden beds and other lawns of use. Do not allow livestock to graze in treated areas. Do not feed treated grass cuttings or soil to sheep or livestock nor use hay for livestock bedding.

**NOTE** — Mosquitoes coming to rest on areas treated for control of turf and ornamental plant pests will be killed for varying periods of time after treatment, depending on exposure of treated area to weathering conditions.

#### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep Out of Reach of Children. May be fatal if swallowed.

May be absorbed through the skin. May be injurious to eyes and skin. Do not take internally. Do not get in eyes or on skin. Do not smoke while using. Wash thoroughly after handling. Wash contaminated clothing before re-use. Flush contaminated eyes with plenty of water and get medical attention. Avoid breathing spray mist or vapors. Do not spray vegetable gardens or other food plants used for food purposes.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on the label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective measures may be obtained from your Cooperative Agricultural Extension Service.

#### PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or leave near heat or open flame. Keep container tightly closed. Handle containers in a well-ventilated area.

## STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container. Wrap container and put in trash collection.

**NOTICE** — Seller's warranty shall be limited to the terms of the label and subject thereto. The buyer assumes any risk to person or property arising out of the use or handling and accepts the product on these conditions.

#### STATEMENT OF PRACTICAL TREATMENT

**If Swallowed** — Do not induce vomiting. Call a Physician immediately.

**If On Skin** — In case of contact, remove contaminated clothing and immediately wash skin with soap and water.

**If In Eyes** — Flush eyes with plenty of water. Call a Physician immediately.

**None To Physician** — If symptoms of cholinesterase inhibition are present, stoppage only by injection is indicated.

**ATTENTION (PETS Indoors)** — Do not apply water-base sprays of this product in confined, water-bearing, porous and rough beam or other electrical equipment because of possible shock hazard. If there is need to treat such areas, use only oil-base spray. Prior to application disconnect electrical equipment. After application allow area for oil to evaporate before starting motors or plugging switches in the "ON" position. Do not use in poultry houses or other animal buildings. Do not allow spray to contact food, feedstuffs, and water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of this product. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish bowls (aerated) before spraying.

#### ACTIVE INGREDIENTS:

Chlorpyrifos (8-Ethyl 6-(3,5,6-trichloro-2-pyridyl) phosphorothioate)	10.00%
Xylene Range Aromatic Solvent	77.25%
INERT INGREDIENTS	12.75%
Total	100.00%

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DIRECTIONS FOR USE

FRUIT AND NUT CROPS

NOTE: Unless otherwise stated, the following rates should be applied as a dilute foliar spray... ALMONDS... PEACHES, NECTARINES...

APRICOTS... Apples, Sweet Pears (Chlor Pear)... Apples, Sweet Pears (Chlor Pear)...

BLUEBERRIES... Raspberries... Raspberries (Raspberries from Berries)...

CHERRIES... Sweet Cherry (Sweet Cherry from Berries)...

CITRUS FRUITS... Grapefruit, Lemons, Limes... Citrus Fruit (Limes)...

CRANBERRIES... Cranberry (Cranberry from Berries)...

PEARS... Apples, Golden... Apples, Golden... Apples, Golden...

POTATOES... Apples, Golden... Apples, Golden... Apples, Golden...

SPINACH, BEETS... Apples, Golden... Apples, Golden... Apples, Golden...

SWEET CORN... Apples, Golden... Apples, Golden... Apples, Golden...

TOMATOES... Apples, Golden... Apples, Golden... Apples, Golden...

WATERCRESS (Growth only)... Apples, Golden... Apples, Golden... Apples, Golden...

BRUSSEL SPROUTS

Apples, Golden... Apples, Golden... Apples, Golden...

CABBOTS

Apples, Golden... Apples, Golden... Apples, Golden...

CELERY

Apples, Golden... Apples, Golden... Apples, Golden...

COLLARDS, BALE, SWISS CHARD, TURNIP TOPS

Apples, Golden... Apples, Golden... Apples, Golden...

CUCUMBERS

Apples, Golden... Apples, Golden... Apples, Golden...

LETTUCE, ENDIVE

Apples, Golden... Apples, Golden... Apples, Golden...

MELONS, SQUASH

Apples, Golden... Apples, Golden... Apples, Golden...

MIDDENHOUSES

Apples, Golden... Apples, Golden... Apples, Golden...

ONIONS

Apples, Golden... Apples, Golden... Apples, Golden...

PEAS

Apples, Golden... Apples, Golden... Apples, Golden...

PEPPERS

Apples, Golden... Apples, Golden... Apples, Golden...

POTATOES

Apples, Golden... Apples, Golden... Apples, Golden...

RADISHES, PARSNIPS, TURNIPS

Apples, Golden... Apples, Golden... Apples, Golden...

SPINACH, BEETS

Apples, Golden... Apples, Golden... Apples, Golden...

SQUASH (Summer and Winter)

Apples, Golden... Apples, Golden... Apples, Golden...

SWEET CORN

Apples, Golden... Apples, Golden... Apples, Golden...

TOMATOES

Apples, Golden... Apples, Golden... Apples, Golden...

WATERCRESS (Growth only)

Apples, Golden... Apples, Golden... Apples, Golden...

VEGETABLE SOIL INSECTS

Unless otherwise stated, soil applications of Dursban 500 should always be applied to vegetable crops as a spray in a maximum of 3 gals. of water per acre for ground applications.

CUTWORMS (Surface and Subterranean)

Table with 6 columns: Dursban, Cutworm, Cabbage, Celery, Cucumbers, and Sweet Corn. Lists various insecticides and their application rates.

GARDEN SYMPHYLANS (Ground)

Table with 6 columns: Dursban, Garden Sympylans, Cabbage, Celery, Cucumbers, and Sweet Corn. Lists various insecticides and their application rates.

MOLE CRICKETS

Table with 6 columns: Dursban, Mole Crickets, Cabbage, Celery, Cucumbers, and Sweet Corn. Lists various insecticides and their application rates.

ONION MAGGOTS

Table with 6 columns: Dursban, Onion Maggots, Cabbage, Celery, Cucumbers, and Sweet Corn. Lists various insecticides and their application rates.

ROOT MAGGOTS

Table with 6 columns: Dursban, Root Maggots, Cabbage, Celery, Cucumbers, and Sweet Corn. Lists various insecticides and their application rates.

WIREWORMS

Table with 6 columns: Dursban, Wireworms, Cabbage, Celery, Cucumbers, and Sweet Corn. Lists various insecticides and their application rates.

SOUTHERN POTATO WIREWORMS (Subterranean U.S.)

Table with 6 columns: Dursban, Southern Potato Wireworms, Cabbage, Celery, Cucumbers, and Sweet Corn. Lists various insecticides and their application rates.

FIELD AND FORAGE FOLIAR INSECTS

Unless otherwise stated, foliar applications of Dursban 500 should always be applied to field and forage crops as a spray in a maximum of 2 gals. of water per acre for total applications and a maximum of 10 gals. of water per acre for ground applications.

ALFALFA, CLOVER

Table with 6 columns: Dursban, Alfalfa, Clover, Cabbage, Celery, Cucumbers, and Sweet Corn. Lists various insecticides and their application rates.

VEGETABLE SOIL INSECTS

Unless otherwise stated, soil applications of Dursban 500 should always be applied to vegetable crops as a spray in a maximum of 3 gals. of water per acre for total applications and a maximum of 10 gals. of water per acre for ground applications.

BEANS

Table with 6 columns: Dursban, Beans, Cabbage, Celery, Cucumbers, and Sweet Corn. Lists various insecticides and their application rates.

LIMA BEANS

Table with 6 columns: Dursban, Lima Beans, Cabbage, Celery, Cucumbers, and Sweet Corn. Lists various insecticides and their application rates.

